

RECEIVED
CENTRAL FAX CENTER
JUN 29 2006

SMITH FROHWEIN TEMPEL GREENLEE BLAHA LLC

Two Ravinia Drive, Suite 790
Atlanta, Georgia 30346
Telephone (404) 815-9300
Fax (770) 804-0900

Michael J. Tempel
(770) 709-0056 DIRECT DIAL
mtempel@javagrouplaw.com

IMPORTANT FAX DOCUMENT

BEST AVAILABLE COPY

DATE June 29, 2006

NAME United States Patent and Trademark Office

COMPANY

FAX NUMBER (571) 273-8300

FROM Michael J. Tempel *MJ*

REFERENCE NO. 10/706,072

OUR FAX NUMBER 770-804-0900

NUMBER OF PAGES 12

Fourth Response in Application No. 10/706,072
(Thin Gallium Arsenide Antimonide Base Heterojunction Bipolar
Transistor (HBT) Having Improved Gain)
Filed: November 12, 2003
Examiner: Farahani, Dana
Art Unit: 2891
Confirmation No. 6364
Docket No. 10003976-4 (01209.0016U2)

CONFIDENTIALITY NOTE

The information which follows and is transmitted herewith is attorney privileged, trade secret and confidential information intended only for viewing and use of the individual or entity named above. If the reader of this message is not the intended recipient, you are hereby notified that any review, use, communication, dissemination, distribution or copying of this communication is strictly prohibited. If you have received this communication in error, please immediately notify us by telephone and return the original message to us at the above address.

AGILENT TECHNOLOGIES, INC.
Legal Department, DL429
Intellectual Property Administration
P. O. Box 7599
Loveland, Colorado 80537-0599

ATTORNEY DOCKET NO. 10003976-4

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor(s): Nicolas J. Moll et al.

Serial No.: 10/706,072

Examiner: Farahani, Dana

Filing Date: November 12, 2003

Group Art Unit: 2891

Title: Thin Gallium Arsenide Antimonide Base Heterojunction Bipolar Transistor (HBT) Having Improved Gain

RECEIVED
CENTRAL FAX CENTER
JUN 29 2006

COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria VA 22313-1450

BEST AVAILABLE COPY

TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT

Sir:

Transmitted herewith is/are the following in the above-identified application:

<input checked="" type="checkbox"/> Response/Amendment	<input type="checkbox"/> Petition to extend time to respond
<input type="checkbox"/> New fee as calculated below	<input type="checkbox"/> Supplemental Declaration
<input checked="" type="checkbox"/> No additional fee (Address envelope to "Mail Stop Amendments")	
<input type="checkbox"/> Other:	(Fee \$ _____)

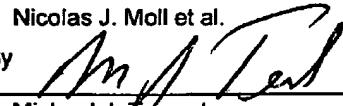
CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS	21	MINUS	21	= 0	X 50	\$ 0
INDEP. CLAIMS	2	MINUS	2	= 0	X 200	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM				+ 360		\$ 0
EXTENSION FEE	1 ST MONTH 120.00	2 ND MONTH 450.00	3 RD MONTH 1020.00	4 TH MONTH 1590.00		\$ 0
				OTHER FEES		\$ 0
					TOTAL ADDITIONAL FEE FOR THIS AMENDMENT	\$ 0

Charge \$ 0 to Deposit Account 50-1078. At any time during the pendency of this application, please charge any fees required or credit any over payment to Deposit Account 50-1078 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 50-1078 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. A duplicate copy of this transmittal letter is enclosed.

Respectfully submitted,

Nicolas J. Moll et al.

By



Michael J. Tempel
Attorney/Agent for Applicant(s)

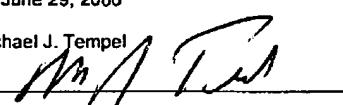
I hereby certify that this paper is being facsimile transmitted to the Patent and Trademark Office on the date shown below:

Date of facsimile: June 29, 2006

Reg. No. 41,344

Typed Name: Michael J. Tempel

Date: June 29, 2006

Signature: 

Telephone No. (770) 709-0056

JUN 29 2006

Agilent Docket No.: 10003976-4

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of: Nicolas J. Moll *et al.* Group Art Unit: 2891
 Serial No.: 10/706,072 Examiner: Farahani, Dana
 Filed: November 12, 2003 Docket No.: 10003976-4
 Confirmation No.: 6364

For: **Thin Gallium Arsenide Antimonide Base Heterojunction Bipolar Transistor (HBT) Having Improved Gain**

FOURTH RESPONSE

Mail Stop Amendment
 Commissioner of Patents
 P.O. Box 1450
 Alexandria, VA 22313-1450

Smith Frohwein Tempel Greenlee Blaha LLC
 Customer Number 35856

Sir:

In response to the final Office Action mailed May 18, 2006, Applicants submit the following remarks.

A listing of claims begins on page 2 of this paper.

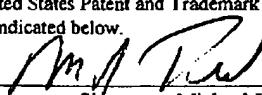
Remarks begin on page 5 of this paper.

AUTHORIZATION TO DEBIT DEPOSIT ACCOUNT

It is not believed that extensions of time or fees for net addition of claims are required, beyond those, which may otherwise be provided for in documents accompanying this paper. However, in the event that additional extensions of time are necessary to allow consideration of this paper, such extensions are hereby petitioned under 37 C.F.R. §1.136(a), and any fees required therefor (including fees for net addition of claims) are hereby authorized to be charged to Agilent Technologies Deposit Account No. 50-1078.

I hereby certify that this correspondence, including any items indicated as attached or included, is being transmitted via facsimile transmission to the United States Patent and Trademark Office (571) 273-8300, on the date indicated below.

Date: 6/29/06



Signature —Michael J. Tempel